

1 CLAIMS

- 2 1) A skate holder comprising a base, a mounting plate secured to said base and having an
3 elongated slot therein to receive a blade of a skate, a pair of jaws located on said mounting
4 plate on opposite sides of said slot and moveable relative to one another to engage opposite
5 sides of said blades, and an operating mechanism connected to each of said jaws and
6 operable to move said jaws conjointly from an open position to a closed position whereby
7 said jaws remain equally spaced to opposite sides of a datum during such movement.
8
- 9 2) A skate holder according to claim 1 wherein said operating mechanism is supported on said
10 mounting plate.
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- 12 3) A skate holder according to claim 2 wherein said operating mechanism includes a flexible
13 tensile member to transfer movement of one of said jaws to another of said jaws.
14
- 15 4) A skate holder according to claim 2 wherein each of said jaws is slidably mounted on said
16 plate and constrained for movement in a direction perpendicular to said slot.
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- 18 5) A skate holder according to claim 4 wherein movement of said jaws relative to said mounting
19 plate is induced by a cam acting on each of said jaws.
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- 21 6) A skate holder according to claim 5 wherein each of said cams is rotatably mounted on said
22 mounting plate and engages a follower of a respective arm of said jaws.
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- 24 7) A skate holder according to claim 6 wherein each of said cams include an operating arm and
25 a linkage to interconnect said operating arms.
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- 27 8) A skate holder according to claim 7 wherein said linkage includes a flexible tensile member
28 extending from a manual operator to selected areas of said operating arms.
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- 1 9) A skate holder according to claim 8 wherein said manual operator is connected directly to
2 one of said operating arms.
3
- 4 10) A skate holder according to claim 9 wherein said tensile member is entrained about guides
5 disposed about said slot.
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- 7 11) A skate holder according to claim 10 wherein said tensile member is located in a recess in
8 said mounting plate and said guides are disposed in said recess.
- 9 12) A skate holder according to claim 3 wherein said operating mechanism includes a tie bar that
10 extends across said slot to transfer a force applied to one side of said slot to the opposite side
11 thereof.
- 12 13) A skate holder according to claim 12 wherein said force is applied by a cam member acting
13 between said one side and said tie bar.
- 14 14) A skate holder according to claim 13 wherein said cam member is rotatably secured to one
15 side and a follower engages said cam member to transmit said force to said tie bar.
- 16 15) A skate holder according to claim 1 wherein said mounting plate includes a pair of beams
17 disposed on opposite sides of said slot and a jaw is located on a respective one of said beams.
- 18 16) A skate holder according to claim 15 wherein said beams have a similar stiffness in bending
19 such that a force applied to each of said beams produces a substantially equal deflection of
20 each beam.
- 21 17) A skate holder according to claim 16 wherein one of said beams is defined between an edge
22 of said plate and said slot and the other of said beams is defined between said slot and a slit
23 formed in said mounting plate.

1 18) A skate holder according to claim 15 wherein said jaws are slideably mounted on said beams
2 and said operating mechanism cause equal and opposite movement of said jaws relative to
3 said slot.

4 19) A skate holder according to claim 15 wherein said jaws are secured to said beams for
5 movement therewith and said operating mechanism induces equal and opposite deflection of
6 said beams.